

**INTEGRATED RESOURCE PLAN – ANNUAL  
REPORT**

Date: 5/22/2008

Customers who qualify to submit a Integrated Resource Plan (IRP) to fulfill their IRP requirement must provide an annual update report. Such report shall provide a status update comparing customer achievements to the targeted action items set forth in the initial Plan. Measured values are preferred, but reasonable estimates are acceptable.

To meet your IRP annual reporting requirement, please complete the following:

**Customer Contact Information:**

(Please provide contact information for your organization. Contact person should be able to answer questions concerning the plan)

<b>Customer Name:</b>	<b>Eastside Power Authority (ESPA)</b>
<b>Address:</b>	<b>14181 Avenue 24, Delano, CA 93215</b>
<b>Contact Person:</b>	<b>Dale Brogan, GM of ESPA</b>  <b>Stuart Robertson, PE, Robertson-Bryan, Inc. (RBI)</b>  <b>Cori Pritchard, Robertson-Bryan, Inc. (RBI)</b>
<b>Title:</b>	<b>Dale Brogan, GM Eastside</b>  <b>Stuart Robertson, PE, President of RBI</b>  <b>Cori Pritchard, Operations Analyst, RBI</b>
<b>Phone Number:</b>	<b>Dale Brogan (661)725-2526</b>  <b>Stuart Robertson (916)687-7799</b>  <b>Cori Pritchard (916)405-8923</b>
<b>E-Mail Address:</b>	<b>Dale Brogan , <u><a href="mailto:dbrogan@deid.org">dbrogan@deid.org</a></u></b>  <b>Stuart Robertson, <u><a href="mailto:stuart@Robertson-Bryan.com">stuart@Robertson-Bryan.com</a></u></b>  <b>Cori Pritchard, <u><a href="mailto:cpritchard@Robertson-Bryan.com">cpritchard@Robertson-Bryan.com</a></u></b>
<b>Website:</b>	<b>ESPA: none, RBI: <u><a href="http://www.robertson-bryan.com">www.robertson-bryan.com</a></u></b>

**Initial IRP – Submission  
Date: 2004**

**Capacity and Energy Data for Previous 5 Years (Revise as necessary):**

(Please provide peak demand and total energy for past 5 years. Western can assist with obtaining this data if needed)

Calendar Year	Peak Demand (kW)	Total Energy (kWh)
2003	14,738	37,831,327
2004	12,170	33,451,171
2005	12,566	35,029,092
2006	12,202	35,537,712
2007	11,097	37,796,412

**Future Energy Service Projections (Revise as necessary):**

(Please provide a load forecast to show expected growth or expansion; or a narrative statement concerning expected future growth)

Load Forecast:

Year	Peak Demand (kW)	Total Energy (kWh)
2009	11,500	38,000,000
2010	12,000	38,000,000
2011	12,500	38,000,000
2012	12,500	38,000,000

Large portions of Eastside's participants include permanent crops and through exchange maintain a relatively constant mix of surface and groundwater supplies, accordingly, Eastside maintains a reasonably constant Peak Demand and Total Energy Demand. Total energy scheduled varies in accordance with irrigated acreage and weather impacts to soil moisture.

**Future Resource Planning (Revise as necessary):**

(Please provide a narrative statement that addresses how your organization plans to meet its future requirements using Demand Side Management techniques, new renewable resources or other programs that will provide it with electricity in the most efficient and environmentally sound manner)

Over the past 18 months, East Side Power Authority has undergone feasibility studies and project financing plans for a 4.5 MW Solar PV generation project. This work is on-going in search of viable options.

### Progress Report of Action Items Implemented Over the Last Year:

(Please provide an update of any Action Items set forth in the initial IRP which was implemented over the last year)

Demand Side Management Activities	Capacity Savings per year (kW)	Energy Savings per year (kWh)	Planned Expenditure per year (\$)	Actual Expenditure per year (\$)
TBID Refurbish Pump Sta. #9 (75 hp) Pump #2 at Sta. #6 (150 hp VFD)	10% of load 16.25 kW	10% of load 16,250 kWh	\$10,000	\$15,000
LSID Finish Reservoir relining Replace ½ Mile Pipeline	3% of Load 150	3% of Load 150,000	\$219,000	\$219,000
DEID Continuous Water Management Plan	1% of load	1% of load		
KTRG Refurbish Pumps	1.5% of load	1.5% of load		

Renewable Energy Activities	Capacity per year (kW)	Energy per year (kWh)	Actual Expenditure per year (\$)
Solar Request for Offers	4,500	8,000,000	115,000
Solar PBI reservations	4,500	8,000,000	126,000

### Revisions to any Action Items to be Implemented Over the Next 5 Years:

(Please note any changes to Action Items if different from how they were reported in the initial IRP)

Proposed Items	Begin Date	End Date	Est. Capacity savings per year (kW)	Est. Energy savings per year (kWh)	Est. Cost savings per year (\$)	Est. Cost to Implement
All previous action items to be completed this year.		Dec 2008	450	45,000	\$50,000	\$500,000

**Notes/Additional Information:**

Preventative maintenance work was performed on motors as required  
Checked and replaced the packing on pumps as required  
Replaced and/or repaired leaks on pipelines